

What We Claim Is:

1. A medical vacuum aspiration device comprising:
an aspiration cylinder; and
a valve, the valve comprising:
a removable fluid conduit having a first end for attaching to the aspiration cylinder
and a second end for attaching to a cannula;
a valve housing having at least first and second housing portions that define a cavity
for removably holding at least a portion of the fluid conduit;
means for removably attaching the first housing portion to the second housing
portion; and
an actuator, coupled to the valve housing, that selectively compresses a portion of the
fluid conduit to open and close a fluid path defined by the fluid conduit.
2. The medical vacuum aspiration device according to claim 1, wherein the first and second
housing portions and the means for removably attaching comprise a single-piece unit.
3. The medical vacuum aspiration device according to claim 2, wherein the single-piece unit
comprises plastic.
4. The medical vacuum aspiration device according to claim 3, wherein the plastic comprises
polypropylene.
5. The medical vacuum aspiration device according to claim 1, wherein the fluid conduit further
comprises a first receptacle proximate the first end, the first receptacle for receiving an end of the
aspiration cylinder to provide a sealed connection between the fluid conduit and the aspiration
cylinder.

6. The medical vacuum aspiration device according to claim 5, wherein the fluid conduit and the first receptacle comprises an integrally formed conduit component such that the fluid passageway extends continuously through the fluid conduit.
7. The medical vacuum aspiration device according to claim 6, wherein the integrally formed conduit component comprises a resilient material.
8. The medical vacuum aspiration device according to claim 7, wherein the resilient material comprises silicone.
9. The medical vacuum aspiration device according to claim 1, wherein the first and second housing portions engage the fluid conduit to restrain movement of the fluid conduit relative to the housing.
10. The medical vacuum aspiration device according to claim 9, the valve further comprising a cap that connects to the first and second housing portions.
11. The medical vacuum aspiration device according to claim 10, wherein a portion of the fluid conduit extends outwardly from an end of the housing and the cap extends over the portion of the fluid conduit.
12. The medical vacuum aspiration device according to claim 11, wherein the cap engages the fluid conduit to restrain movement of the fluid conduit relative to the housing.
13. The medical vacuum aspiration device according to claim 1, wherein the fluid conduit further comprises a sealing receptacle adapted to cooperate with the aspiration cylinder to provide a fluid seal between the aspiration cylinder and the fluid conduit.
14. The medical vacuum aspiration device according to claim 13, wherein the sealing receptacle is integrally formed portion of the fluid conduit.

15. A medical vacuum aspiration device comprising:
 - an aspiration cylinder; and
 - a valve adapted for fluid communication with the aspiration cylinder, the valve including:
 - first and second housing portions, each including inner and outer walls;
 - a releasable connector joining the first housing portion to the second housing portion such that the first housing portion and the second housing cooperate to define a housing having first and second open ends and a cavity defined by the inner walls and extending between the first and second open ends;
 - a fluid conduit retained in the cavity when the first and second housing portions are joined by the releasable connector, and the fluid conduit exposed for removal from the cavity when the releasable connector is released, the fluid conduit including a flexible conduit portion; and
 - at least one conduit clamp movably mounted on one of the housing portions and engagable with the flexible conduit portion to compress the conduit portion.
16. The medical vacuum aspiration device according to claim 15, further comprising a hinge about which the first housing portion pivots relative to the second housing portion.
17. The medical vacuum aspiration device according to claim 16, wherein the hinge comprises a living hinge.
18. The medical vacuum aspiration device according to claim 17, wherein the hinge comprises two living hinges integrally formed on the housing portions.
19. The medical vacuum aspiration device according to claim 18, wherein each of the living hinges comprises a double living hinge.
20. The medical vacuum aspiration device according to claim 16, wherein the releasable connector comprises a releasable latch.

21. The medical vacuum aspiration device according to claim 20, wherein the releasable latch comprises a latch tab extending from an edge of one of the housing portions and a tab recess in an outer surface of another one of the housing portions, the tab recess releasably receiving the latch tab when the releasable connector joins the housing portions.
22. The medical vacuum aspiration device according to claim 21, wherein the latch tab further comprises a dome portion cooperating with the tab recess to define a user interface space.
23. The medical vacuum aspiration device according to claim 22, wherein the latch tab and tab recess are integrally formed on a respective one of the housing portions.
24. The medical vacuum aspiration device according to claim 15, wherein the valve further comprising a cap connected to at least one of the first and second ends of the housing.